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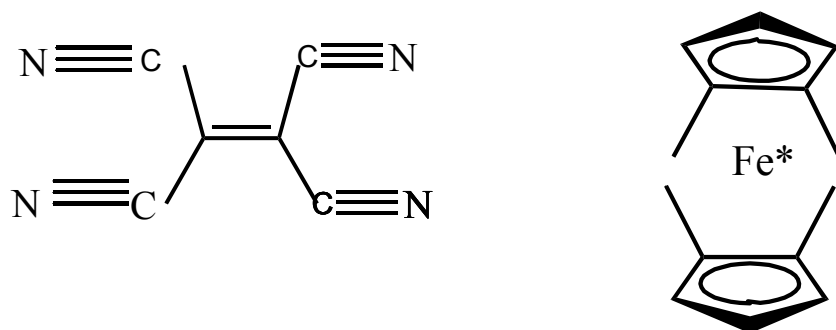
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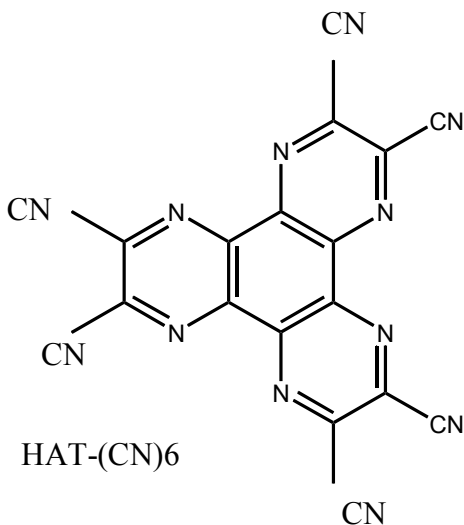
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The discovery of the first molecular-based magnet using organic donor-acceptors (TCNE and  $Cp_2^*Fe$ ) have helped in the preparation of new material with enhanced electronic, magnetic and optical properties.

TCNE



Our work with the multiple electron-acceptor  $HAT-(CN)_6$  contributes to the same line of study with respect to the magnetic properties.



For this purpose we are going to react  $HAT-(CN)_6$  with magnetically active metals such as V, Cr and Mn; the resulting complexes ranging from mononuclear species to polynuclear ones.